

REPLACEMENT SHEET

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FIG. 3a

WORKFLOW DEFINITION TABLE

WORKFLOW DEFINITION ID	IDENTIFIER OF WORKFLOW DEFINITION
TITLE	WORKFLOW TITLE
CONSOLIDATION FLAG	METHODS OF PROCESSING ONE PARTICIPANT'S CONTINUOUS ACTIVITIES: "0" FOR INDIVIDUAL PROCESSING OF EACH NODE, AND "1" FOR CONSOLIDATING NODE INFORMATION AND SENDING THE SAME TO PARTICIPANT TO PROCESS NODES AT A TIME
FIELD DEFINITION *1	DEFINITION OF EACH FIELD
PROCESS DEFINITION *1	DEFINITIONS INCLUDING PROCESS NAME, FLOW DIRECTION OF WORKFLOW, AND OPERATIONS OF WORKFLOW PERFORMED BY WORKFLOW ENGINE UPON SELECTION OF THE PROCESS
NODE DEFINITION *1	DEFINITION OF EACH NODE (NODE NAME, SPECIFICATION OF PARTICIPANT, ACCESS PERMISSION TO EACH FIELD AT NODE, LIST OF SELECTABLE WORK ITEMS, FORM LAYOUT DEFINITION UNIQUE TO NODE)
PATH DEFINITION *1	NODE CONNECTION INFORMATION
STANDARD LAYOUT	LAYOUT DEFINITION OF STANDARD FORM
LAYOUT FOR THE TIME OF ONE PARTICIPANT'S CONTINUOUS ACTIVITIES	DEFINITION OF FORM LAYOUT USED WHEN ONE PARTICIPANT PERFORMS CONSECUTIVE ACTIVITIES

WORKFLOW INSTANCE DATA TABLE

RECORD ID	IDENTIFIER OF WORKFLOW INSTANCE
WORKFLOW DEFINITION ID	IDENTIFIER OF WORKFLOW DEFINITION
SLIP NUMBER	SLIP NUMBER
FORM ORIGINATOR ID	FORM ORIGINATOR ID
PREVIOUS PARTICIPANT ID	IMMEDIATELY PRECEDING PARTICIPANT ID
CURRENT PARTICIPANT ID	CURRENT PARTICIPANT ID
NODE ID	CURRENT NODE ID
SLIP DATA *1	DATA ON EACH FIELD

FIG. 3b

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FIG. 4a

PROCESS HISTORY TABLE

WORKFLOW DEFINITION ID	IDENTIFIER OF WORKFLOW DEFINITION
SLIP NUMBER	SLIP NUMBER
CURRENT PARTICIPANT ID	CURRENT PARTICIPANT ID
NODE ID	CURRENT NODE ID
PROCESS HISTORY *1	RECORD FOR EACH NODE SET OF INFORMATION (PARTICIPANT ID, PARTICIPANT NAME, SELECTED WORK, NODE WHERE WORK WAS PROCESSED, DATE AND TIME OF PROCESSING, PROCESSING RESULT (ERROR/NORMAL)).

ONE PARTICIPANT'S CONTINUOUS WORKING DATA TABLE

RECORD ID	IDENTIFIER OF WORKFLOW INSTANCE
WORKFLOW DEFINITION ID	IDENTIFIER OF WORKFLOW DEFINITION
SLIP NUMBER	SLIP NUMBER
CURRENT PARTICIPANT ID	CURRENT PARTICIPANT ID
NODE ID	CURRENT NODE ID
ROUTE INFORMATION *1	RANGE OF ONE PARTICIPANT'S CONTINUOUS ACTIVITIES
FIELD ACCESS PERMISSION *1	FIELD ACCESS PERMISSION
WORK ITEM TABLE *1	LIST OF WORK ITEMS SELECTABLE FOR EACH NODE INCLUDED IN ROUTE INFORMATION
SLIP DATA *1	USER INPUTTED DATA ON EACH TABLE
WORK *1	WORK SELECTED BY USER

USER INFORMATION TABLE

PARTICIPANT ID	IDENTIFIER OF PARTICIPANT
NAME	NAME OF PARTICIPANT
SUPERIOR	PARTICIPANT ID AS SUPERIOR OF THE PARTICIPANT

FIG. 4c

FIG. 4b

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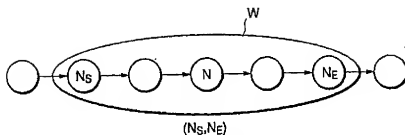


FIG. 7a

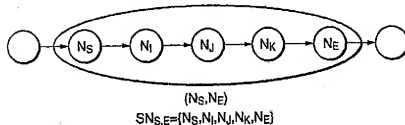
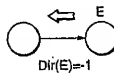
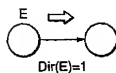


FIG. 7b



FLOW DIRECTION OF WORKFLOW DEFINITION \longrightarrow
DIRECTION OF MOVEMENT OF FLOW AS
A RESULT OF PERFORMING WORK E \Longrightarrow

FIG. 7c

FIG. 7D

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CONDITION (1)

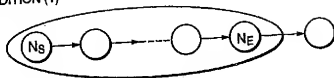


FIG. 8a

CONDITION (2)

DIRECTION OF MOVEMENT OF FLOW
RESULTING FROM WORK E_0

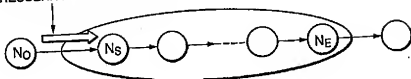


FIG. 8b

CONDITION (3)

DIRECTION OF MOVEMENT OF FLOW
RESULTING FROM WORK E_0

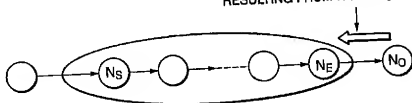


FIG. 8c

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FIG. 9a

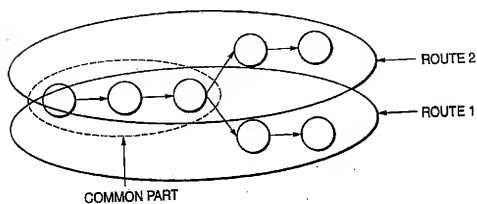
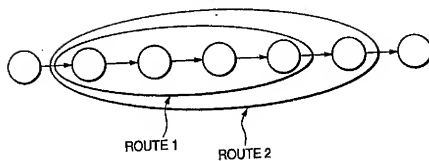


FIG. 9b

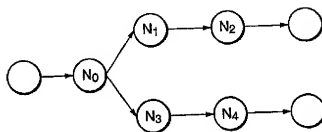
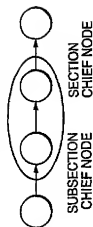


FIG. 9c

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FIG. 10a



FIELD	ACCESS PERMISSION
F1	NO REFERENCE ALLOWED
F2	REFERENCE ALLOWED
F3	CHANGES ALLOWED
F4	ENTRY NECESSARY

FORM FOR SUBSECTION CHIEF NODE

APPROVE RETURN

FIELD	ACCESS PERMISSION
F1	NO REFERENCE ALLOWED
F2	REFERENCE ALLOWED
F3	CHANGES ALLOWED
F4	ENTRY NECESSARY

FORM FOR SECTION CHIEF NODE

APPROVE RETURN

FIELD	ACCESS PERMISSION
F1	NO REFERENCE ALLOWED
F2	REFERENCE ALLOWED
F3	CHANGES ALLOWED
F4	ENTRY NECESSARY

FORM PROVIDED TO PARTICIPANT U

APPROVE RETURN

FORM PROVIDED TO PARTICIPANT U

FIG. 10b

FIELD	ACCESS PERMISSION
F1	NO REFERENCE ALLOWED
F2	REFERENCE ALLOWED
F3	CHANGES ALLOWED
F4	ENTRY NECESSARY

FIELD	ACCESS PERMISSION
F1	NO REFERENCE ALLOWED
F2	REFERENCE ALLOWED
F3	CHANGES ALLOWED
F4	ENTRY NECESSARY

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F1
F2
F3
F4

FILL IN FORM
RETURN

FIG. 12b

F1
F2
F3
F4

NODE A
FILL IN FORM
RETURN

NODE B
APPROVE
RETURN

SEND

FIG. 12a